

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:00:39 ON 17 JAN 2005

=> s trifluoropropylsiloxane

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file .bio

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.63

0.63

FILE 'CAPLUS' ENTERED AT 17:02:33 ON 17 JAN 2005

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FILE 'BIOSIS' ENTERED AT 17:02:33 ON 17 JAN 2005

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FILE 'MEDLINE' ENTERED AT 17:02:33 ON 17 JAN 2005

FILE 'EMBASE' ENTERED AT 17:02:33 ON 17 JAN 2005

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=> s trifluoropropylsiloxane

L1 67 TRIFLUOROPROPYLSILOXANE

=> s dimethylpolysiloxane

L2 3982 DIMETHYLPOLYSILOXANE

=> L1 and L2

L3 8 L1 AND L2

=> d ibib abs 1-8

L3 ANSWER 1 OF 8

MEDLINE on STN

ACCESSION NUMBER: 97206684 MEDLINE

DOCUMENT NUMBER: PubMed ID: 9124090

TITLE: Emulsification experiments with dimethylsiloxane/phenylmethylsiloxane copolymer.

AUTHOR: Ikeda T; Nakamura K; Sakagami K; Iwahashi H; Sugimoto K; Matsuda T; Tano Y

CORPORATE SOURCE: Department of Ophthalmology, Kyoto Prefecture University of

Medicine, Japan.

SOURCE: Nippon Ganka Gakkai zasshi, (1997 Feb) 101 (2) 111-7.

Journal code: 7505716. ISSN: 0029-0203.

PUB. COUNTRY: Japan

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: Japanese

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199704

ENTRY DATE: Entered STN: 19970506

Last Updated on STN: 19980206

Entered Medline: 19970418

transient iritis, seen in 5 out of 21 cases. A suspected side-effect after longer-term observation (mean 19 weeks) was that the oil promoted PVR. Out of 4 histologically studied membranes which proliferated under the oil, phagocytosis and foreign body reaction to the oil were found in one of the specimens. No retinal damage due to the oil could be detected by electroretinography. As an intraoperative aid, fluorosilicone oil is thoroughly to be recommended. If a long-term tamponade is essential, the fluorosilicone oil should be replaced with low-density silicone oil (dimethylsiloxane) after a few weeks.

L3 ANSWER 8 OF 8 MEDLINE on STN
ACCESSION NUMBER: 86268486 MEDLINE
DOCUMENT NUMBER: PubMed ID: 3729774
TITLE: Fluorinated oils as experimental vitreous substitutes.
AUTHOR: Miyamoto K; Refojo M F; Tolentino F I; Fournier G A;
Albert

D M
CONTRACT NUMBER: EY-00327 (NEI)
SOURCE: Archives of ophthalmology, (1986 Jul) 104 (7) 1053-6.
Journal code: 7706534. ISSN: 0003-9950.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 198608
ENTRY DATE: Entered STN: 19900321
Last Updated on STN: 19970203
Entered Medline: 19860804

AB Two kinds of fluorinated oils (a fluorosilicone oil and a perfluoroether [Freon E15]) that have a higher density than water were evaluated as long-term vitreous substitutes. Vitreous compression using perfluoropropane gas was performed to create a space for the vitreous substitute in rabbit eyes. Two fluorosilicone oils (1000 and 10 000 centistokes) induced edema of the inner retinal layers and occasionally of the outer retinal layers regardless of viscosity or period of observation up to six months, but they were well tolerated clinically. Control eyes injected with silicone oils of comparable viscosities showed similar histopathologic findings. Freon E15 induced formation of bubbles and precipitates by one month after injection, and retinal disorganization, formation of preretinal membranes, and tractional retinal detachment by six months. Thus, Freon E15 proved to be unsuitable, but fluorosilicone oil is a possible high-density vitreous substitute.

=> s diphenylsiloxane
L4 394 DIPHENYLSILOXANE

=> s modified
L5 999871 MODIFIED

=> L4 and L5
L6 25 L4 AND L5

=> d ibib abs 1-25

L6 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:470342 CAPLUS
DOCUMENT NUMBER: 141:24964
TITLE: Hydrophilic polyorganosiloxane composition and use

FILE 'CAPLUS, BIOSIS, MEDLINE, EMBASE' ENTERED AT 19:04:19 ON 17 JAN 2005

L1 0 S MED WITH 10-6400
L2 1 S MED WITH 10-6600
L3 0 S MED WITH 12-6400
L4 0 S 12-6600
L5 71 S TRIFLUOROPROPYL WITH POLYSILOXANE
L6 2 L5 AND (CATHETER OR TUBE OR TUBING)
L7 19 S DIPHENYL WITH POLYSILOXANE
L8 95481 SILOXANE

PH/OBI OR PHENYL/OBI OR FLUORO?/OBI OR TRIFLUORO?/OBI)

L18 65 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND L11

L19 13 SEA FILE=HCAPLUS ABB=ON PLU=ON L18 AND L15

L20 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L16 OR L19

L21 3 SEA FILE=HCAPLUS ABB=ON PLU=ON L12 AND FEED?/OBI (L)
TUBE#/OBI

L22 1066 SEA FILE=HCAPLUS ABB=ON PLU=ON L11 (L) TUBE#/OBI

L23 109 SEA FILE=HCAPLUS ABB=ON PLU=ON L22 AND L8

L24 7 SEA FILE=HCAPLUS ABB=ON PLU=ON L23 AND (FEED?/OBI OR
GASTRO?/OBI OR ENTER?/OBI)

L25 41 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 OR L21 OR L24

=> d .ca l25 1-41

THE ESTIMATED COST FOR THIS REQUEST IS 121.77 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L25 ANSWER 1 OF 41 HCAPLUS COPYRIGHT 2005 ACS on STN.

ACCESSION NUMBER: 2004:936129 HCAPLUS

DOCUMENT NUMBER: 141:370648

TITLE: Polymeric medical device with
antimicrobial layer

INVENTOR(S): Martens, Paul W.; Nieto, Robert L.; Virag, Robert

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 10 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004220534	A1	20041104	US 2003-425030	20030429
WO 2004096330	A2	20041111	WO 2004-US13196	20040429
WO 2004096330	A3	20050106		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

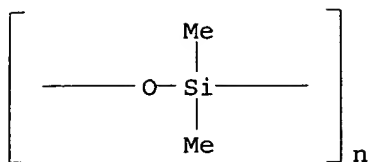
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-425030 A 20030429

ED Entered STN: 06 Nov 2004

AB A medical device includes a conduit for a fluid. The conduit has a wall formed of a hydrophobic polymer with a hydrophilic polymer layer extruded over it, and an antimicrobial substantially dispersed within the hydrophilic polymer. The antimicrobial compound may be a predetd. amount of phosphorus-based glass having a predetd. quantity of a metal such as silver substantially dispersed therein. The medical device may be an endotracheal tube made by providing a hydrophobic polymer, a hydrophilic polymer and an antimicrobial compound, forming the hydrophobic polymer, the hydrophilic polymer and the antimicrobial compound into a conduit, and forming a cuff on an end of the conduit.

IC ICM A61M029-00



10232 REFERENCES IN FILE CA (1907 TO DATE)
 1315 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 10284 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 14:39:56 ON 27 JAN 2005

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FILE COVERS 1907 - 27 Jan 2005 VOL 142 ISS 5
 FILE LAST UPDATED: 26 Jan 2005 (20050126/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> d.que 125

L1	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	DIPHENYLSILOXANE/CN
L2	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	DIMETHYLPOLYSILOXANE/CN
L3	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	"MED 10-6600"/CN
L4	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	SILOXANE-FLUOROPOLYMERS/CN
L5		4	SEA	FILE=REGISTRY	ABB=ON	PLU=ON (L1 OR L2 OR L3 OR L4)
L6		54839	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON "SILOXANES AND SILICONES"/CT
L7		47670	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON POLYSILOXANES/CT
L8		102509	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L6 OR L7
L9		29825	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON MEDICAL/OBI (L) (GOOD#/OBI OR DEVICE#/OBI)
L10		30757	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON "PROSTHETIC MATERIALS AND PROSTHETICS"/CT
L11		56347	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L9 OR L10
L12		2084	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L11 AND L8
L13		10365	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L5
L14		220	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L13 AND L12
L15		146126	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON (STENT#/OBI OR CATHETER#/OBI OR TUBE#/OBI OR CANNULA#/OBI OR TROCAR/OBI)
L16		23	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L15 AND L14
L17		6635	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L8 (L) (DIPHENYL/OBI OR

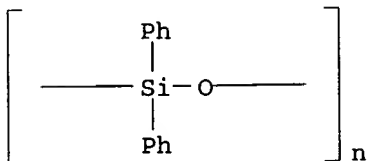
CN BY 22-007
 CN BY 22-060
 CN BY 22-064
 CN BY 22-077
 CN BY 27-003
 CN BY 27-007
 CN BY 27-111
 CN CF 1241
 CN Chaline Buruba 520C
 CN Chiroflex C 11UB
 CN CoatOSil 3500
 CN CoatOSil 3501
 CN **Dimethylpolysiloxane**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 12619-98-6, 12620-09-6, 12680-27-2, 12680-28-3, 9049-10-9, 9063-73-4,
 9087-48-3, 9087-49-4, 53239-64-8, 54351-38-1, 54351-90-5, 58391-68-7,
 56730-54-2, 57486-07-4, 57679-15-9, 123243-00-5, 123515-75-3, 60440-54-2,
 51569-26-7, 51888-90-5, 51910-51-1, 60842-63-9, 37200-44-5, 37221-89-9,
 37340-53-7, 141093-32-5, 90250-23-0, 39457-57-3, 39476-41-0, 52232-96-9,
 52622-98-7, 53125-20-5, 109946-28-3, 110616-98-3, 118731-39-8,
 231934-55-7, 247174-77-2, 387334-72-7, 387334-73-8, 387334-74-9,
 444348-83-8
 MF (C2 H6 O Si)n
 CI PMS, COM
 PCT Polyother, Polyother only
 SR GenBank
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, CA, CAPLUS,
 CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSChem, CSNB, ENCOMPLIT,
 ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, TOXCENTER, ULIDAT, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;
 Preprint; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical
 study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); CMBI (Combinatorial study); FORM (Formation, nonpreparative);
 MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC
 (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);
 PRP (Properties); RACT (Reactant or reagent); USES (Uses)

****RELATED POLYMERS AVAILABLE WITH POLYLINK****

RELATED POLYMERS AVAILABLE WITH POLYLINK



152 REFERENCES IN FILE CA (1907 TO DATE)

15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

156 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 9016-00-6 REGISTRY
 CN Poly[oxy(dimethylsilylene)] (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:

CN 401N
 CN A 50
 CN A 50 (silicone)
 CN A 80R
 CN Accuglass 210
 CN Accuglass 211
 CN Accuglass 305
 CN AF 60
 CN AF 60 (siloxane)
 CN AF 72
 CN AF 75
 CN AF 9000
 CN AK 100
 CN AK 100 (silicone)
 CN AK 300000
 CN AK 50
 CN AK 50 (siloxane)
 CN AK 500
 CN AK 5000
 CN AK 750
 CN Akvastop
 CN Antaphron NM 42
 CN Antifoam FD 62
 CN Antifoam FG 10
 CN Antifoam M 30
 CN Aquasil E
 CN ASI 100 Methyl
 CN ASP 3
 CN ASP 3 (silicone)
 CN AV 1000
 CN B 160-40
 CN Barrel Silicone M 1000
 CN Baysilone M 50EL
 CN Baysilone MA
 CN Baysilone OEL
 CN BIO-PSA Q 7-4301
 CN BW 400
 CN BY 16-801

CN K 333
 CN K 333 (silicone)
 CN **MED 10-6600**
 CN Mirasil DPDM
 CN OV 35
 CN OV 5
 CN PhacoFlex SI 40NB
 CN PS 089
 CN PS 090
 CN PSA 518
 CN PSA 6574
 CN SF 1153
 CN SF 1154
 CN SF 1179
 CN SF 1265
 CN Silicones, di-Me, di-Ph
 CN Siloxanes and Silicones, dimethyldiphenyl
 CN Siloxanes, di-Me, di-Ph
 CN SPB 50
 CN SPB 50 (siloxane)
 CN SR 574
 CN X 32-1195
 CN X 62-9201B
 CN XTI 5
 MF Unspecified
 CI PMS, MAN, CTS
 PCT Manual registration
 LC STN Files: CHEMCATS, CHEMLIST, CIN, CSCHEM, MSDS-OHS, PROMT, RTECS*,
 TOXCENTER
 (*File contains numerically searchable property data)
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L5 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 32129-24-1 REGISTRY
 CN Poly[oxy(diphenylsilylene)] (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Diphenyldichlorosilane hydrolytic homopolymer, SRU
 CN Diphenylsilanediol homopolymer, sru
 CN Diphenylsilanediol polymer, sru
 CN **Diphenylsiloxane**
 CN Hexaphenylcyclotrisiloxane homopolymer, sru
 CN Poly(diphenylsiloxane)
 CN Poly(diphenylsiloxane), SRU
 MF (C12 H10 O Si)n
 CI PMS, COM
 PCT Polyother, Polyother only
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMLIST, TOXCENTER, USPAT2, USPATFULL
 DT.CA Caplus document type: Conference; Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP
 (Properties); RACT (Reactant or reagent); USES (Uses)

CN FL 50 (siloxane)
 CN FL 50-50CS
 CN FLS 300
 CN Fluorine-contg. polysiloxanes
 CN Fluorine-contg. silicones
 CN Fluoropolymer-polysiloxanes
 CN Fluorosyl FSD 2500
 CN Fluorosyl FSD 4500
 CN FPD 6131
 CN FQF 501-1000
 CN FRX 413
 CN FS 1256
 CN FS 2265
 CN FS 303
 CN Geranex SW 1
 CN GH 100
 CN Ishinol KW 11
 CN JTA 105A
 CN KL 100
 CN KL 100 (siloxane)
 CN KL 100-1000CS
 CN KP 880
 CN KSP 200
 CN Nuva 4190
 CN Nuva LE
 CN Opstar JTA 105
 CN Opstar JTA 105A
 CN Q 5-8601
 CN Silotex 3062
 CN **Siloxane-fluoropolymers**
 CN Siloxanes, fluorine-contg.
 CN Siloxanes-fluoropolymers

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

DR 62712-03-2, 152742-92-2
 MF Unspecified
 CI MAN, CTS
 SR CA

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L5 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 68083-14-7 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

CN Siloxanes and Silicones, di-Me, di-Ph (CA INDEX NAME)
 OTHER CA INDEX NAMES:

CN Polysiloxanes, di-Me, di-Ph

OTHER NAMES:

CN CF 1142
 CN CR 524B
 CN CV 1144-0
 CN DC 510/50
 CN Di-Me di-Ph siloxanes and silicones
 CN Di-Me, di-Ph siloxanes
 CN Dimethyldiphenyl siloxanes and silicones
 CN Dimethylsiloxane di-Ph siloxane copolymer
 CN Diphenyl dimethicone
 CN GE-SR 574

=> fil reg

FILE 'REGISTRY' ENTERED AT 14:39:46 ON 27 JAN 2005

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STRUCTURE FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0

DICTIONARY FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d que 15

L1 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	DIPHENYLSILOXANE/CN
L2 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	DIMETHYLPOLYSILOXANE/CN
L3 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	"MED 10-6600"/CN
L4 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	SILOXANE-FLUOROPOLYMERS/CN
L5	4 SEA FILE=REGISTRY ABB=ON	PLU=ON	(L1 OR L2 OR L3 OR L4)

=> d 15 1-5

L5 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN

RN 125857-35-4 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

CN Polysiloxanes, fluorine-contg. (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Fluoropolymers, polysiloxane-

CN Fluoropolymers, siloxane-

CN Siloxanes and Silicones, fluorine-contg.

OTHER NAMES:

CN Antifoam 1400

CN Antifoam 7

CN AO 40H

CN BY 24-900

CN Dow Antifoam 1400

CN Dow Corning 94003

CN Elastosil E 113F

CN FA 600

CN FC 100

CN FC 100 (siloxane)

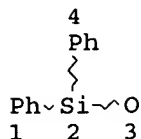
CN FL 100

CN FL 100-100

CN FL 100-100CS

CN FL 5

CN FL 50



NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE

L27 52600 SEA FILE=REGISTRY SSS FUL L25
 L28 20501 SEA FILE=REGISTRY ABB=ON PLU=ON L24 OR L20
 L33 573 SEA FILE=HCAPLUS ABB=ON PLU=ON ?TRIFLUOROPROPYL?(2A)?SILOXAN?
 L34 16884 SEA FILE=HCAPLUS ABB=ON PLU=ON DIMETHYL(2A)(SILOXAN? OR
 POLYSILOXAN?) OR DIMETHYLSILOXANE OR DIMETHYLPOLYSILOX?
 L35 540 SEA FILE=HCAPLUS ABB=ON PLU=ON DIPHENYLSILOX? OR DIPHENYL
 SILOX? OR DIPHENYLPOLYSILOX? OR DIPHENYL POLYSILOX?
 L39 5957 SEA FILE=HCAPLUS ABB=ON PLU=ON FEEDING APPARATUS+PFT/CT
 L41 34584 SEA FILE=HCAPLUS ABB=ON PLU=ON MEDICAL GOODS+PFT,NT/CT
 L42 3014 SEA FILE=HCAPLUS ABB=ON PLU=ON "MEDICAL GOODS (L) CATHETERS"+
 PFT/CT
 L47 2393 SEA FILE=HCAPLUS ABB=ON PLU=ON (L28 OR L34) AND ((L15 OR L33
 OR TRIFLUOROPROPYLSILOX? OR TRIFLUOROPOLYSILOX? OR L27 OR
 L35))
 L48 23 SEA FILE=HCAPLUS ABB=ON PLU=ON L47 AND ((L39 OR L41 OR L42)
 OR FEEDING OR CATHETER OR FEED?(2A)(TUBE OR DEVICE OR APPARAT?)
)

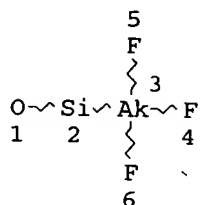
=> d 148 ibib abs hitind hitstr 1-23

L48 ANSWER 1 OF 23 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:872768 HCAPLUS
 DOCUMENT NUMBER: 141:366642
 TITLE: Method of chemically modifying chemical compounds
 using plasma treatment
 INVENTOR(S): Karthauser, Joachim
 PATENT ASSIGNEE(S): NKT Research & Innovation A/S, Den.
 SOURCE: PCT Int. Appl., 58 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004089855	A2	20041021	WO 2004-DK238	20040402
WO 2004089855	A3	20041118		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

=> d que 148

L13 STR



NODE ATTRIBUTES:

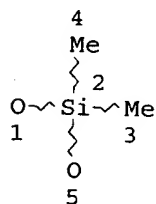
CONNECT IS E4 RC AT 3
 DEFAULT MLEVEL IS ATOM
 GGCAT IS LIN SAT AT 3
 DEFAULT ECLEVEL IS LIMITED
 ECOUNT IS E3 C AT 3

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 6

STEREO ATTRIBUTES: NONE

L15 751 SEA FILE=REGISTRY SSS FUL L13
 L18 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE

L20 20456 SEA FILE=REGISTRY SSS FUL L18
 L21 1 SEA FILE=REGISTRY ABB=ON PLU=ON DIMETHYLPOLYSILOXANE/CN
 L22 18 SEA FILE=REGISTRY POLYLINK L21
 L23 638 SEA FILE=REGISTRY ABB=ON PLU=ON (9016-00-6/CRN OR 117932-09-9/CRN OR 158158-00-0/CRN OR 178178-49-9/CRN OR 182010-99-7/CRN OR 25037-57-4/CRN OR 25084-99-5/CRN OR 25498-04-8/CRN OR 260055-37-6/CRN OR 31692-79-2/CRN OR 31900-57-9/CRN OR 32625-53-9/CRN OR 369371-00-6/CRN OR 40793-33-7/CRN OR 498573-42-5/CRN OR 498573-43-6/CRN OR 52848-36-9/CRN OR 65408-58-4/CRN OR 9016-00-6/CRN)
 L24 656 SEA FILE=REGISTRY ABB=ON PLU=ON L21 OR L22 OR L23
 L25 STR

OR POLYSILOX?)
 L52 6551 SEA DIMETHYLSILOX? OR DIMETHYLPOLYSILOX? OR DIMETHYL(W) (SILOX?
 OR POLYSILOX?)
 L53 236 SEA (L50 OR L51) AND L52
 L55 15 SEA L53 AND (MEDICAL OR CATHETER? OR FEEDING(2A) (TUBE OR
 APPARAT? OR DEVIC?) OR STOMACH OR GASTRO?)
 L56 38 DUP REM L48 L55 (0 DUPLICATES REMOVED)

=> d 156 bib abs 24-38

L56 ANSWER 24 OF 38 MEDLINE on STN
 AN 93111057 MEDLINE
 DN PubMed ID: 1471491
 TI Intravitreal silicone and fluorosilicone oils: pathologic findings in
 rabbit eyes.
 AU Pastor J C; Lopez M I; Saornil M A; Refojo M F
 CS Institute of Ophthalmobiology, University of Valladolid, Spain.
 NC EY00327 (NEI)
 SO Acta ophthalmologica, (1992 Oct) 70 (5) 651-8.
 Journal code: 0370347. ISSN: 0001-639X.
 CY Denmark
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199301
 ED Entered STN: 19930212
 Last Updated on STN: 19980206
 Entered Medline: 19930125
 AB The effects of medical-grade intraocular silicone and commercial-grade fluorosilicone oils were studied in rabbit eyes. The experimental model consisted of lensectomized and vitrectomized eyes that did not undergo further treatment (Group 1), and three groups of lensectomized and vitrectomized eyes that were injected intravitreally 3 months earlier with medical-grade silicone oil of 1000 cs (Group 3), and 10,000 cs (Group 4). The silicone oil-injected eyes developed proliferative membranes. The fluorosilicone oil caused an intravitreal inflammatory reaction with vacuolated macrophages present around the oil that may have been due to the higher concentration of low-molecular-weight components found in the oil.

L56 ANSWER 25 OF 38 WPIX COPYRIGHT 2005 THE THOMSON CORP on STN
 AN 2003-644688 [61] WPIX
 CR 2002-690358 [74]; 2003-391625 [37]; 2003-401345 [38]
 DNC C2003-176138
 TI Compliant cantilevered micromold used for replication or fabrication of
 cantilevered micropart formed of, e.g. plastic, comprises compliant
 polymeric material having cantilevered microscale features formed in it.
 DC A13 A14 A28 A32 A88
 IN DOMEIER, L A; GARINO, T J; GONZALES, M G; KEIFER, P N; MORALES, A M
 PA (DOME-I) DOMEIER L A; (GARI-I) GARINO T J; (GONZ-I) GONZALES M G; (KEIF-I)
 KEIFER P N; (MORA-I) MORALES A M
 CYC 1
 PI US 2003057096 A1 20030327 (200361)* 17
 ADT US 2003057096 A1 CIP of US 2001-765078 20010117, CIP of US 2002-52948
 20020117, US 2002-222763 20020815
 FDT US 2003057096 A1 CIP of US 6422528
 PRAI US 2002-222763 20020815; US 2001-765078 20010117;
 US 2002-52948 20020117

NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE

L20 20456 SEA FILE=REGISTRY SSS FUL L18
 L21 1 SEA FILE=REGISTRY ABB=ON PLU=ON DIMETHYLPOLYSILOXANE/CN
 L22 18 SEA FILE=REGISTRY POLYLINK L21
 L23 638 SEA FILE=REGISTRY ABB=ON PLU=ON (9016-00-6/CRN OR 117932-09-9
 /CRN OR 158158-00-0/CRN OR 178178-49-9/CRN OR 182010-99-7/CRN
 OR 25037-57-4/CRN OR 25084-99-5/CRN OR 25498-04-8/CRN OR
 260055-37-6/CRN OR 31692-79-2/CRN OR 31900-57-9/CRN OR
 32625-53-9/CRN OR 369371-00-6/CRN OR 40793-33-7/CRN OR
 498573-42-5/CRN OR 498573-43-6/CRN OR 52848-36-9/CRN OR
 65408-58-4/CRN OR 9016-00-6/CRN)
 L24 656 SEA FILE=REGISTRY ABB=ON PLU=ON L21 OR L22 OR L23
 L25 STR

4
 Ph
 {
 {
 Ph-Si~O
 1 2 3

NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE

L27 52600 SEA FILE=REGISTRY SSS FUL L25
 L28 20501 SEA FILE=REGISTRY ABB=ON PLU=ON L24 OR L20
 L33 573 SEA FILE=HCAPLUS ABB=ON PLU=ON ?TRIFLUOROPROPYL? (2A) ?SILOXAN?
 L34 16884 SEA FILE=HCAPLUS ABB=ON PLU=ON DIMETHYL(2A) (SILOXAN? OR
 POLYSILOXAN?) OR DIMETHYLSILOXANE OR DIMETHYLPOLYSILOX?
 L35 540 SEA FILE=HCAPLUS ABB=ON PLU=ON DIPHENYLSILOX? OR DIPHENYL
 SILOX? OR DIPHENYLPOLYSILOX? OR DIPHENYL POLYSILOX?
 L39 5957 SEA FILE=HCAPLUS ABB=ON PLU=ON FEEDING APPARATUS+PFT/CT
 L41 34584 SEA FILE=HCAPLUS ABB=ON PLU=ON MEDICAL GOODS+PFT,NT/CT
 L42 3014 SEA FILE=HCAPLUS ABB=ON PLU=ON "MEDICAL GOODS (L) CATHETERS"+
 PFT/CT
 L47 2393 SEA FILE=HCAPLUS ABB=ON PLU=ON (L28 OR L34) AND ((L15 OR L33
 OR TRIFLUOROPROPYLSILOX? OR TRIFLUOROPOLYSILOX? OR L27 OR
 L35))
 L48 23 SEA FILE=HCAPLUS ABB=ON PLU=ON L47 AND ((L39 OR L41 OR L42)
 OR FEEDING OR CATHETER OR FEED? (2A) (TUBE OR DEVICE OR APPARAT?)
)
 L50 67 SEA TRIFLUOROPROPYLSILOX? OR TRIFLUORO PROPYL(W) (SILOX? OR
 POLYSILOX?) OR TRIFLUOROPROPYL(W) (SILOX? OR POLYSILOX?) OR
 TRIFLUOROPROPYLPOLYSILOX?
 L51 356 SEA DIPHENYLSILOX? OR DIPHENYLPOLYSILOX? OR DIPHENYL(W) (SILOX?

=> dup rem l48 l55

FILE 'HCAPLUS' ENTERED AT 11:17:55 ON 19 JAN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 11:17:55 ON 19 JAN 2005

FILE 'WPIX' ENTERED AT 11:17:55 ON 19 JAN 2005

COPYRIGHT (C) 2005 THE THOMSON CORPORATION

PROCESSING COMPLETED FOR L48

PROCESSING COMPLETED FOR L55

L56 38 DUP REM L48 L55 (0 DUPLICATES REMOVED)

ANSWERS '1-23' FROM FILE HCAPLUS

ANSWER '24' FROM FILE MEDLINE

ANSWERS '25-38' FROM FILE WPIX

=> d qur l56

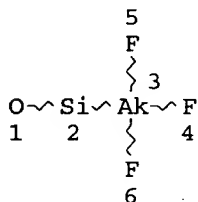
'QUR' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d que l56

L13 STR



NODE ATTRIBUTES:

CONNECT IS E4 RC AT 3

DEFAULT MLEVEL IS ATOM

GGCAT IS LIN SAT AT 3

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS E3 C AT 3

GRAPH ATTRIBUTES:

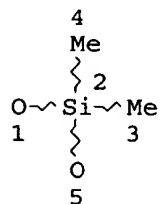
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 6

STEREO ATTRIBUTES: NONE

L15 751 SEA FILE=REGISTRY SSS FUL L13

L18 STR



Inventor Search

Lam 09/733,161

01/19/2005

L7 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:490836 HCAPLUS
ENTRY DATE: Entered STN: 17 Jun 2004
TITLE: Catheter with unitary component
INVENTOR(S): Triebes, Thomas Gregory; Kenowski, Michael
Allen; McMichael, Donald J.; Diviesti,
Netty Dawn; Hill, Daniel Kermit
PATENT ASSIGNEE(S): Kimberly-Clark Worldwide, Inc., USA
SOURCE: PCT Int. Appl.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
MAIN: A61M025-10
SECONDARY: A61M031-00
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004050164	A1	20040617	WO 2003-US34278	20031029
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2002-306999	A 20021130

PATENT CLASSIFICATION CODES:

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2004050164	ICM	A61M025-10
	ICS	A61M031-00

ABSTRACT:

A unitary component having a tip portion integrally formed with an expandable sleeve portion. Other aspects of the present invention are related to a catheter incorporating a unitary component. Still other aspects of the present invention will be apparent upon reading the remainder of the disclosure.

L7 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:447843 HCAPLUS
ENTRY DATE: Entered STN: 03 Jun 2004
TITLE: Process for producing unitary component and a catheter having a unitary component
INVENTOR(S): Triebes, Thomas Gregory; Kenowski, Michael
Allen; McMichael, Donald J.; Diviesti,
Netty Dawn; Hill, Daniel Kermit
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ.
CODEN: USXXCO
DOCUMENT TYPE: Patent